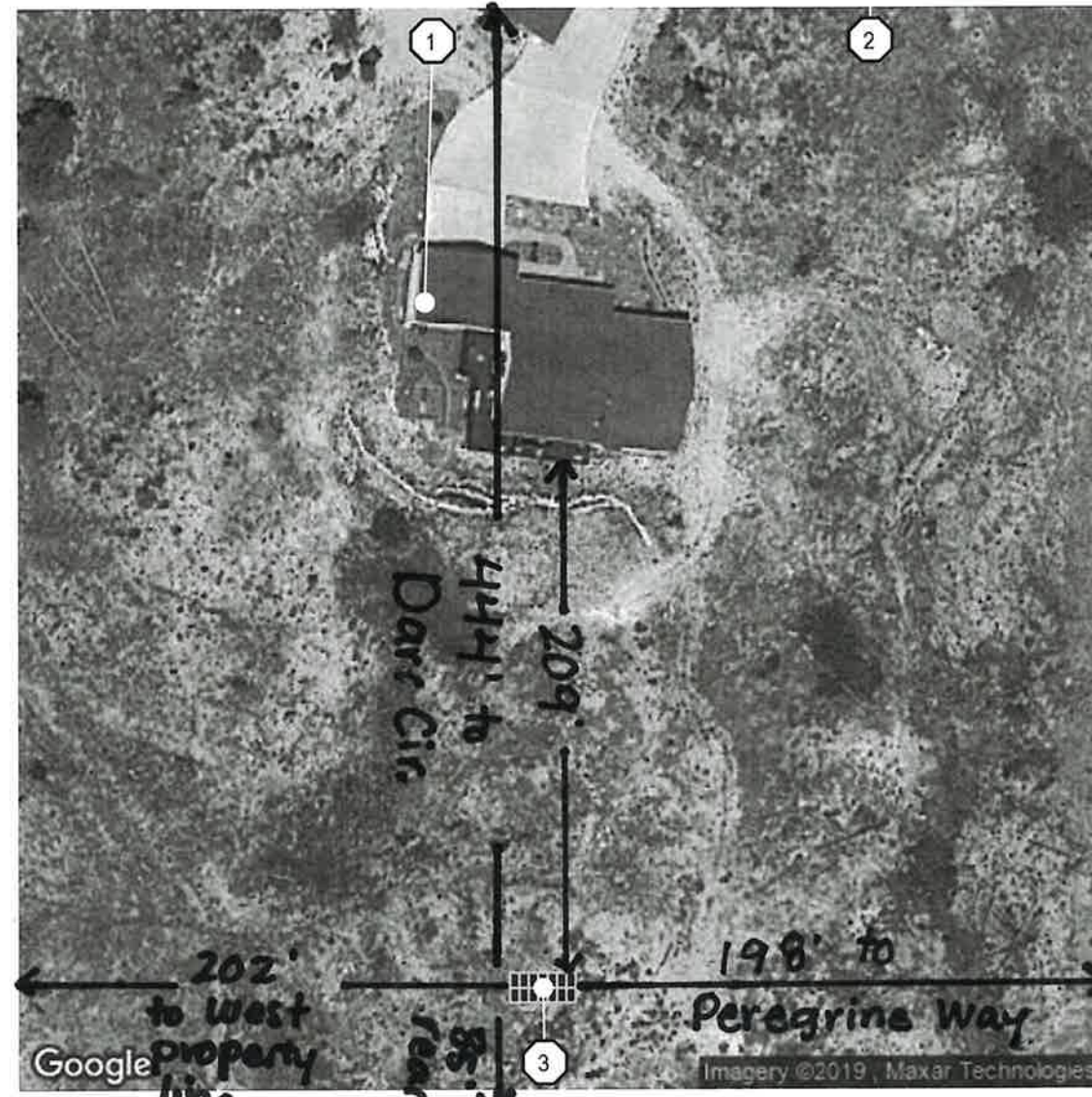


PROJECT INFORMATION	
PROJECT SITE	4525 DARR CIR, COLORADO SPRINGS, CO 80908
ACCESSORS PARCEL NUMBER	6211004009
GROUND SNOW LOAD	40 PSF
DESIGN WIND SPEED	115 MPH (ASCE7-10)
PERMITTING AUTHORITY	COUNTY OF EL PASO
UTILITY COMPANY	MOUNTAIN VIEW ELEC ASSN, INC
ELECTRICAL SERVICE	120/240V 1Φ
ASHRAE EXTREME LOW	-23°C (-9°F)
ASHRAE 2% HIGH	32°C (90°F)
CLIMATE DATA SOURCE	COLORADO SPRINGS MUNICIPAL AIRPORT (KCOS)

ELECTRICAL PROPERTIES	
ELECTRICAL CODE	2017 NEC (NFPA 70)
MODULE	SILFAB SLA300M
INVERTERS	1 X SOLAR EDGE SE3800A-US
OPTIMIZERS	SOLAR EDGE P320 OPTIMIZER
ARRAY WIRING	(1) STRING OF 14
DC POWER RATING	4,200W DC
MAX. AC OUTPUT	16.0A
EST. FIRST YEAR PROD.	6,843 KWH

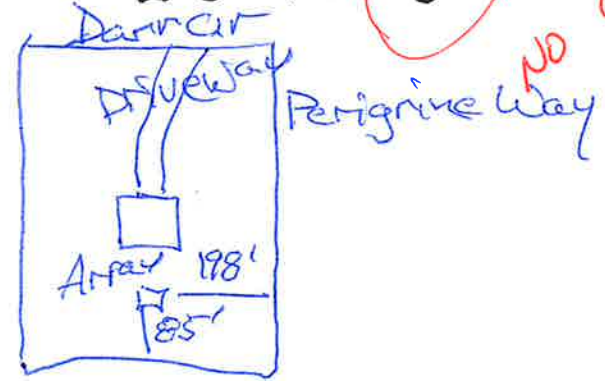
CUSTOMER APPROVAL	
CUSTOMER NAME	FRANK BACKES
SIGNATURE	

**VRBD**  
ELECTRICAL



- ① MAIN SERVICE PANEL
- ② UTILITY METER
- ③ (N) PROPOSED GROUND-MOUNTED PHOTOVOLTAIC ARRAY. 14 PV MODULES (BLACK FRAME, BLACK BACKSHEET), 15° TILT, 180° AZIMUTH

ground mount 28' x 14' x 6'



SYSTEM COMPONENTS	
QTY	DESCRIPTION
14	SILFAB SLA300M 300W, 60 CELLS, 38 MM, MONOCRYSTALLINE SILICON
1	SOLAR EDGE SE3800A-US 3800W INVERTER
14	SOLAR EDGE P320 OPTIMIZER

ADD 20  
Plat 2462  
RR-5

**APPROVED**  
BY [Signature] DATE 1/2/20  
FOR [Signature]  
NOTES detached solar array  
28x14x6

EL PASO COUNTY  
PLANNING AND COMMUNITY DEVELOPMENT

**BESQCP Not Required**  
by \_\_\_\_\_ on \_\_\_\_\_

Planning and Community Development approval is contingent upon compliance with all applicable notes on the recorded plat.

An access permit must be granted by the Planning and Community Development Engineering Division prior to the establishment of any driveway onto a County Road.

Diversion of blockage of any drainageway is not permitted without the approval of the Planning and Community Development Engineering Division.

Any approval given by El Paso County does not obviate the need to comply with applicable Federal, State or Local laws and/or regulations.

**BACKES**



GRID-TIED SOLAR POWER SYSTEM

4525 DARR CIR  
COLORADO SPRINGS, CO 80908

CONCEPT DESIGN

PROJECT ID: 105779
DATE: 12/27/19
CREATOR: K.G.
REVIEWER:

REVISIONS

**PV-0.1**